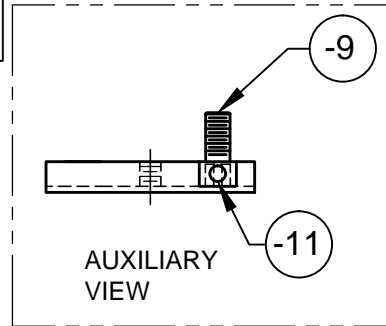
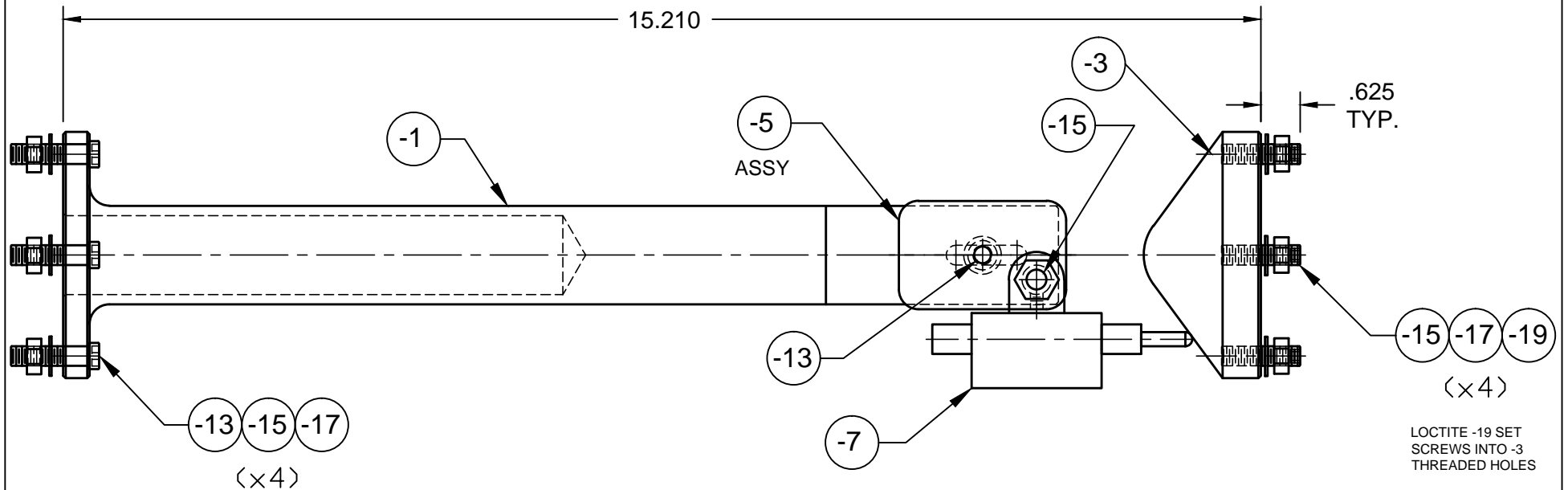


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -3 HOLES FROM THRU W/C-BORE, & USE SET SCREWS INSTEAD OF BOLTS.	9/26/06	-	-
2	CH'D TITLEBLOCK & REVISION BLOCK, CH'D LIMIT DIM. FROM Ø1.250/1.249 & ADDED S.F. -5, ADDED CONCENTRIC CONTROL, LABELED P/N -1 SECTION.	7/10/09	RJC	RW
3	CH'D -3 1/4-28 DEPTH FROM .50 TO .375 MAX. PER G.E	11/11/11	RJC	RW



ASSEMBLY

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	INDICATOR EXTENSION ROD	6061	Ø3-1/8 x 12-3/4	2
			-3	1	TESTING CONE	6061	Ø3-1/8 x 1-1/2	3
			-5	1	INDICATOR SLIDE	1018 FLAT BAR	1-1/2 x 2-1/8 x 3/8	4
		B/O	-7	1	DIAL INDICATOR	-	MITUTOYO #1411F .250 RANGE & .001 GRAD.	NS
		B/O	-9	1	S.H. CAP SCREW	-	Ø1/4-28 x 1/2 BLK.	1
		B/O	-11	1	S.H. SET SCREW	-	#10-32 x 1/4	1
		B/O	-13	5	S.H. CAP SCREW	-	Ø1/4-28 x 1 BLK.	1
		B/O	-15	9	PLATED NUTS	-	Ø1/4-28 AN345-428	1
		B/O	-17	9	PLATED WASHERS	-	Ø1/4 AN960-416	1
		B/O	-19	4	S.H. SET SCREWS	-	Ø1/4-28 x 1 BLK.	1
		B/O		1	PISTOL CASE	-	10137	NS
ASSY #								

RED BARN MACHINE

TITLE
ENG. TO TRANS. ALIGN TOOL

DWG NO.
RBA5000-40101

REV
3

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
DECIMALS
.XXX ± .005
.XX ± .01
.X ± .1

FRACTIONS ± 1/32
ANGLES ± 5°

UNLESS OTHERWISE SPECIFIED
1. BREAK ALL SHARP EDGES
.015 x 45° PR .015 R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

DRAWN BY:
PERRITT

APPROVED
D Weil

HEAT TREAT FINISH

SPEC

USED ON MODEL
MD 500

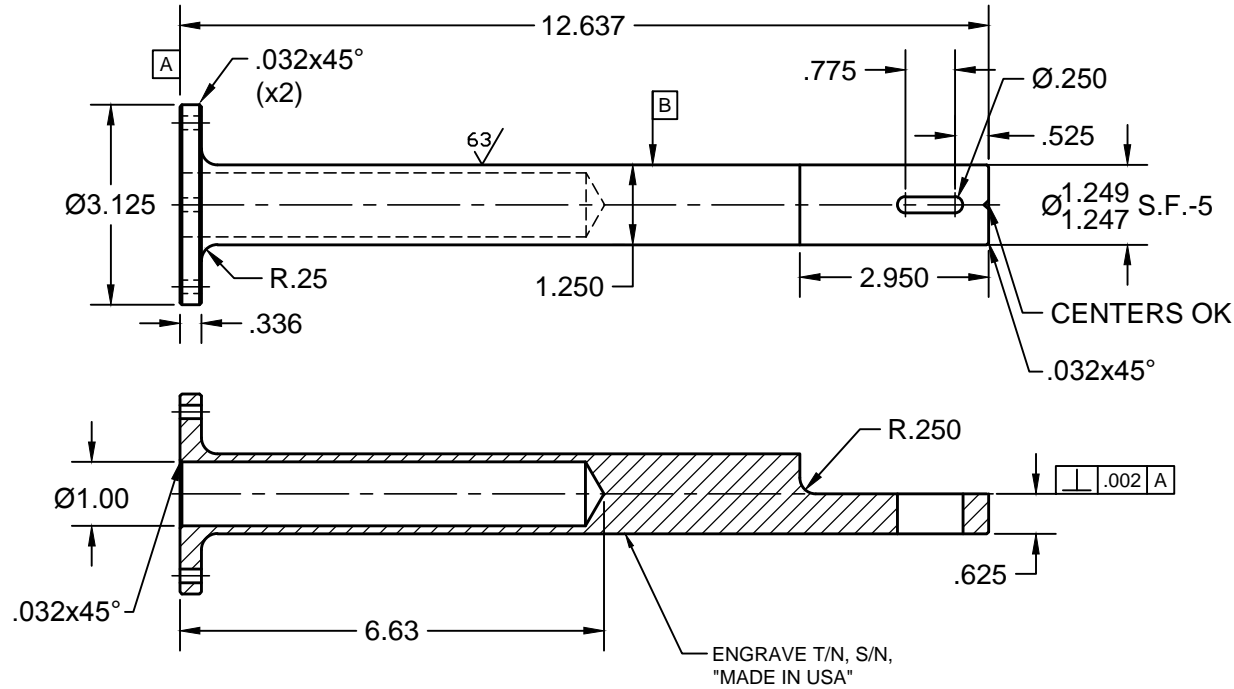
SCALE
NTS

DATE
9-11-06

SHEET
1 of 4

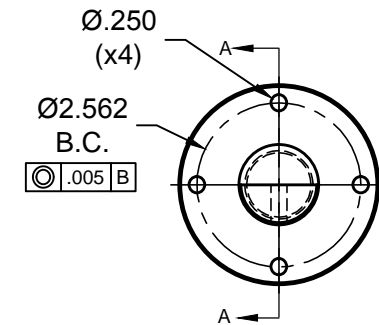
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CH'D TITLEBLOCK & REVISION BLOCK, CH'D LIMIT DIM. FROM Ø1.250/1.249 & ADDED S.F. -5, ADDED CONCENTRIC CONTROL, LABELED P/N -1 SECTION.	7/10/09	RJC	RW



SECTION A-A

-1
ROD



RED BARN MACHINE	
TITLE ENG. TO TRANS. ALIGN TOOL	
DWG NO. RBA5000-40101-1	REV 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1 FRACTIONS ± 1/32 ANGLES ± .5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: PERRITT APPROVED: <i>D Weil</i> HEAT TREAT: CLEAR ANODIZE SPEC: MIL-A-8625F, TYPE II, CLASS I USED ON MODEL: MD 500	
SCALE: NTS	DATE: 9-11-06 SHEET: 2 of 4

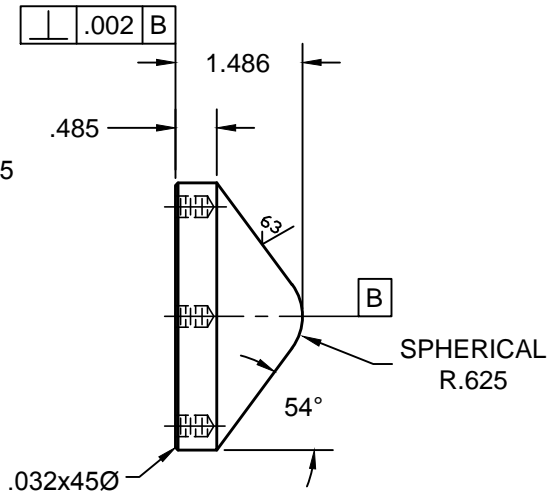
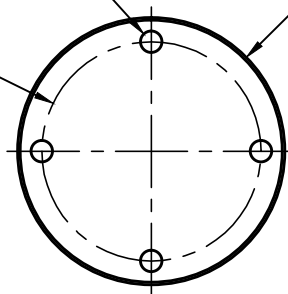
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -3 HOLES FROM THRU W/C-BORE, & USE SET SCREWS INSTEAD OF BOLTS.	9/26/06		
3	CH'D -3 1/4-28 DEPTH FROM .50 TO .375 MAX. PER G.E	11/11/11	RJC	RW

D&T Ø1/4-28
DEPTH .375 MAX.
(x4)


Ø2.562
B.C.

Ø3.125




-3

TESTING CONE

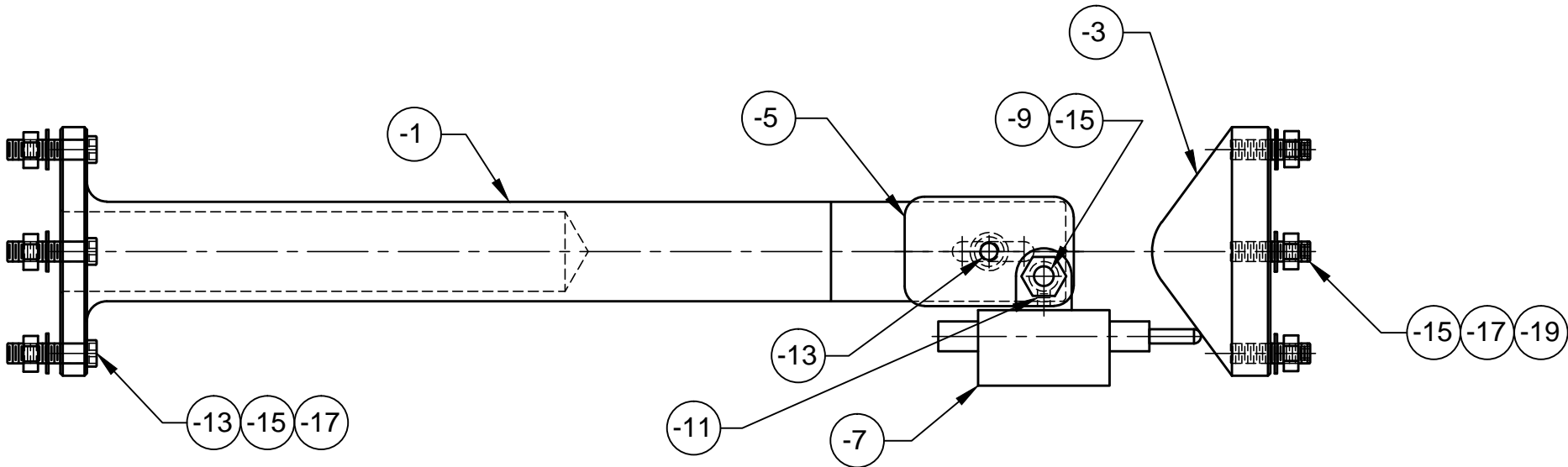
 RED BARN MACHINE	
TITLE ENG. TO TRANS. ALIGN TOOL	
DWG NO. RBA5000-40101-3	REV 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: PERRITT APPROVED: <i>D Weil</i> HEAT TREAT FINISH: CLEAR ANODIZE SPEC: MIL-A-8625F, TYPE II, CLASS I USED ON MODEL: MD 500
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 9-11-06
SHEET 3 of 4	

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



 RED BARN MACHINE			
TITLE ENG. TO TRANS. ALIGN TOOL			
DWG NO. RBA5000-40101-5			REV 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°		DRAWN BY: PERRITT APPROVED <i>D. Weid</i> HEAT TREAT FINISH BLACK OXIDE	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SPEC USED ON MODEL MD 500	
SCALE NTS	DATE 9-11-06	SHEET 4 of 4	

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ASSEMBLY

RED BARN MACHINE		
TITLE		
ENG. TO TRANS. ALIGN TOOL		
DWG NO.		
RBA5000-40101		
PART #	UNIT QTY	DESCRIPTION
-1	1	INDICATOR EXTENSION ROD
-3	1	TESTING CONE
-5	1	INDICATOR SLIDE
-7	1	DIAL INDICATOR
-9	1	S.H. CAP SCREW
-11	1	S.H. SET SCREW
-13	5	S.H. CAP SCREW
-15	9	PLATED NUTS
-17	9	PLATED WASHERS
-19	4	S.H. SET SCREWS

	DRAWN
	APPROVED
	HEAT TREATING
	FINISH SPEC.
	U
USED ON MODEL	TOLE
?	DECO

	USED ON MODEL
	?

		RED BARN MACHINE	
TITLE		TITLE	
DWG NO.		PT #	
SCALE	NTS	DATE	2-17-06
SHEET		1 of 3	

NOT APPROVED FOR PRODUCTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	1	4140 3/16 x 1 1/2 x 4

USED ON MODEL ? 	DRAWN BY: PERRITT	<div><div>RB</div>RED BARN MACHINE</div> <div>TITLE</div> <div>TITLE</div>	
	CHECKED		
	HEAT TREAT		
	FINISH SPEC		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± .5°	DWG NO.	REV.
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE NTS	DATE 1-28-06 SHEET 1 of 1